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| FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE   |   | ATTORNEY'S DOCKET NUMBER<br><br>043890-0926  |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b> |   | U.S. APPLIC. NO. (if known, see 37 CFR 1.5)<br>Not Yet Assigned <b>10/585084</b>   |
| INTERNATIONAL APPLICATION NO<br><b>PCT/JP2005/019748</b>  | INTERNATIONAL FILING DATE<br><b>October 27, 2005</b>  | INTERNATIONAL APPLICATION NO<br><b>November 8, 2004</b>  |
| TITLE OF INVENTION<br><b>ANTENNA DEVICE AND RADIO-COMMUNICATION SYSTEM USING THE SAME</b>   |   |  |
| APPLICANTS FOR DO/EO/US<br><b>Misako SASAGAWA, Akihiko IGUCHI, Yuki SATOH</b>   |   |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:     |   |  |
| 1.<br>2.<br>3.<br>4.<br>5.<br>6.<br>7.<br>8.<br>9.<br>10.   | <input checked="" type="checkbox"/><br><input type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input type="checkbox"/><br><input checked="" type="checkbox"/><br><input type="checkbox"/> | This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.<br><br>This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.<br><br>This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.<br><br>The US has been elected (Article 31).<br><br>A copy of the International Application as filed (35 U.S.C. 371(c)(2))<br>a. <input type="checkbox"/> is attached herewith (required only if not transmitted by the International Bureau).<br>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.<br>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)<br><br>An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).<br><br>Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))<br>a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).<br>b. <input checked="" type="checkbox"/> have been communicated by the International Bureau.<br>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendment has NOT expired.<br>d. <input type="checkbox"/> have not been made and will not be made.<br><br>An English translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).<br><br>An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).<br><br>An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). |
| Items 11. to 16. below concern other document(s) or information included:   |   |  |
| 11.<br>12.<br>13.<br>14.<br>15.<br>16.<br>17.<br>18.<br>19.<br>20.  | <input checked="" type="checkbox"/><br><input type="checkbox"/><br><input checked="" type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input checked="" type="checkbox"/>   | An Information Disclosure Statement under 37 CFR 1.97 and 1.98.<br><br>An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.<br><br>A preliminary amendment.<br><br>An Application Data Sheet under 37 CFR 1.76.<br><br>A substitute specification.<br><br>A power of attorney and/or change of address letter.<br><br>A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.<br><br>A second copy of the published International Application under 35 U.S.C. 154(d)(4).<br><br>A second copy of the English translation of the International Application under 35 U.S.C. 154(d)(4).<br><br>Other items or information.<br>1) PCT Request<br>2) International Search Report<br>3) PCT/IB/304<br>5) Front page of International Published Application<br>4) 1 sheet each of Annotated and Replacement Drawing   |

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| U.S. APPLICATION NO. (if known, see 37 CFR 1.50)<br>Not yet assigned <b>10/285084</b>   |              | INTERNATIONAL APPLICATION NO.<br>PCT/JP2006/300058                            |                    | ATTORNEY'S DOCKET NUMBER<br>043890-0926 |              |
|   |              |   |                    | CALCULATIONS                            | PTO USE ONLY |
| 21. <input checked="" type="checkbox"/> The following fees are submitted:<br><input checked="" type="checkbox"/> Basic National Stage Fee \$300   |              |   |                    | \$300.00                                |              |
| 22. <input checked="" type="checkbox"/> Examination Fee<br>If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0<br>All other situations \$200   |              |   |                    | \$200.00                                |              |
| 23. <input checked="" type="checkbox"/> Search Fee (37CFR 1.492(b))<br>If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0<br>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100<br>International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400<br>All other situations \$500 |              |   |                    | \$400.00                                |              |
| TOTAL OF 21, 22 and 23 =  |              |   |                    | \$900.00                                |              |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium).<br>The fee is \$250 for each additional 50 sheets of paper or fraction thereof.   |              |   |                    | \$                                      |              |
| Total Sheets  | Extra Sheets | Number of each additional 50 or fraction Thereof (round up to a whole number) | RATE               |   |              |
| 19-100  | 0/50=        | 0   | X\$250             | \$0                                     |              |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).  |              |   |                    | \$0                                     |              |
| CLAIMS  | NUMBER FILED | NUMBER EXTRA  | RATE               |   |              |
| Total Claims  | 23-20 =      | 3   | x \$50.00          | \$150.00                                |              |
| Independent Claims  | 1-3 =        | 0   | x \$200.00         | \$0                                     |              |
| Multiple dependent claim(s) (if applicable)   |              |   | + \$360.00         | \$0                                     |              |
| TOTAL OF ABOVE CALCULATIONS =   |              |   |                    | \$1050.00                               |              |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.  |              |   |                    | \$                                      |              |
| SUBTOTAL =  |              |   |                    | \$1050.00                               |              |
| Processing fee of \$130.00 for furnishing the English translation later than the 30 months from the earliest claimed priority date (37 CFR 1.492(f)).   |              |   |                    | +                                       | \$0          |
| TOTAL NATIONAL FEE =  |              |   |                    | \$1050.00                               |              |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  |              |   |                    | +                                       | \$0          |
| TOTAL FEES ENCLOSED =   |              |   |                    | \$1050.00                               |              |
|   |              |   |                    | Amount to be refunded                   | \$           |
|   |              |   |                    | Amount to be charged                    | \$1050.00    |
| a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.<br>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>500417</u> in the amount of \$ <u>1050.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.<br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>500417</u> . A duplicate copy of this sheet is enclosed.                               |              |   |                    |   |              |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.   |              |   |                    |   |              |
| SEND ALL CORRESPONDENCE TO:<br>Customer Number 20277<br>Telephone: 202.756.8000<br>Facsimile: 202.756.8087  |              |   |                    |   |              |
|   |              |   | SIGNATURE          | DATE                                    |              |
|   |              |   | Michael E. Fogarty | June 29, 2006                           |              |
|   |              |   | NAME               |   |              |
|   |              |   | 36,139             |   |              |
| REGISTRATION NUMBER   |              |   |                    |   |              |